

DERWENT-ACC-NO: 1998-111243
DERWENT-WEEK: 200046
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TITLE: Amorphous plate with high mechanical strength and good optical properties - containing crystallisable polyethylene terephthalate and antioxidant, used for indoor and outdoor purposes

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PATENT-ASSIGNEE: HOECHST AG[FARH], HOECHST RES & TECHNOLOGY DEUT GMBH & CO[FARH]

PRIORITY-DATA: 1996DE-1030599 (July 31, 1996) ,
1997ZA-0009760 (October 30, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
DE 19630599 A1	February 5, 1998	N/A
013	C08L 067/02	
TW 379241 A	January 11, 2000	N/A
000	C08L 067/00	
WO 9805708 A1	February 12, 1998	G
037	C08K 005/00	
AU 9741144 A	February 25, 1998	N/A
000	C08K 005/00	
ZA 9709760 A	July 29, 1998	N/A
032	C08L 000/00	

DESIGNATED-STATES: AU BG BR BY CA CN CZ HU IL JP KR MX' NO
NZ PL RO RU SG SI TR U
A US YU AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL OA PT
SE

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
DE 19630599A1	N/A	1996DE-1030599
July 31, 1996		

TW 379241A	N/A	1997TW-0110804
July 29, 1997		
WO 9805708A1	N/A	1997WO-EP03857
July 18, 1997		
AU 9741144A	N/A	1997AU-0041144
July 18, 1997		
AU 9741144A	Based on	WO 9805708
N/A		
ZA 9709760A	N/A	1997ZA-0009760
October 30, 1997		

INT-CL (IPC): B29C043/22; C08J003/20 ; C08J003/22 ;
 C08J005/18 ;
 C08J011/00 ; C08K005/00 ; C08K005/13 ; C08K005/18 ;
 C08K005/29 ;
 C08K005/372 ; C08K005/5313 ; C08K005/5317 ; C08K005/56 ;
 C08L000/00 ;
 C08L067/00 ; C08L067/02

ABSTRACTED-PUB-NO: DE 19630599A

BASIC-ABSTRACT: Amorphous plate having a thickness of
 0.8-20 mm contains a
 crystallisable polyethylene terephthalate as main component
 and at least an
 antioxidant.

Also claimed is production of the amorphous plate
 comprising fusing the
 polyethylene tetraphthalate in an extruder together with
 the antioxidant,
 forcing the melt through a nozzle, and calibrating the
 plate with two rollers
 at 50-80 deg. C, smoothing and cooling.

USE - Used for indoor and outdoor purposes.

ADVANTAGE - The plate has high mechanical strength and good
 optical properties.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:

AMORPHOUS PLATE HIGH MECHANICAL STRENGTH OPTICAL PROPERTIES
 CONTAIN CRYSTAL
 POLYETHYLENE TEREPHTHALATE ANTIOXIDANT INDOOR OUTDOOR
 PURPOSE

DERWENT-CLASS: A23 A32 A94 E11 E13

CPI-CODES: A05-E04B; A08-A06; A11-B07A; A12-S07; E05-G07;
E05-G08;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

F012 F014 F016 F580 G010 G011 G015 G019 G100 H4
H401 H441 H8 M1 M113 M119 M210 M216 M231 M240
M280 M281 M320 M413 M510 M521 M533 M540 M782 M903
M904 Q130 Q623 R045

Ring Index

00212

Markush Compounds

199811-A0801-M

Chemical Indexing M3 *02*

Fragmentation Code

D012 D019 D022 D029 D810 D899 G015 G019 G100 H2
H212 H4 H402 H442 H8 M1 M124 M132 M150 M220
M222 M233 M240 M282 M311 M321 M342 M412 M512 M520
M532 M540 M782 M903 M904 Q130 Q623 R045

Markush Compounds

199811-A0802-M

Chemical Indexing M3 *03*

Fragmentation Code

B615 B713 B720 B813 B831 B840 D012 D023 D029 D230
H1 H102 H181 M210 M212 M214 M233 M240 M273 M281
M283 M312 M321 M332 M342 M383 M391 M411 M511 M520
M530 M540 M782 M903 M904 Q130 Q623 R045

Ring Index

08625

Markush Compounds

199811-A0803-M

Chemical Indexing M4 *04*

Fragmentation Code

M417 M782 M903 M904 Q130 R045 W004

Markush Compounds

199811-A0804-M

Chemical Indexing M3 *05*

Fragmentation Code

B515 B713 B720 B813 B831 G015 G019 G100 M1 M121
M129 M148 M149 M210 M214 M233 M240 M283 M320 M411

M510 M520 M533 M540 M782 M903 M904 Q130 Q624 R045
Specific Compounds
23024M

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; P0884 P1978 P0839 H0293 F41 D01 D11 D10 D19 D18
D31 D50 D63
D90 E21 E00 ; S9999 S1581 ; S9999 S1387

Polymer Index [1.2]

018 ; ND04 ; ND07 ; K9574 K9483 ; K9676*R ; K9712 K9676
; K9687
K9676

Polymer Index [1.3]

018 ; N9999 N5970*R ; N9999 N5878 ; N9999 N6939*R ;
N9999 N5812*R
; B9999 B4091*R B3838 B3747 ; B9999 B4240*R ; B9999
B5447 B5414
B5403 B5276

Polymer Index [1.4]

018 ; D01 D11 D10 D19 D18 D23 D22 D35 D76 D44 D46 D50
D95 F08 F07
P* 5A O* 6A ; R05373 D01 D11 D10 D19 D18 D33 D50 D63
D76 D95 F52
; A999 A497 A486

Polymer Index [1.5]

018 ; G2562 G2540 D01 D22 D45 D77 F11 N* 5A D11 D10 D19
D18 D24
D35 D76 D41 D50 D95 F31 F30 ; R05230 G2540 D01 D19 D18
D24 D22 D33
D45 D50 D76 D77 D92 F11 F31 F30 N* 5A ; A999 A544 A486
; K9869 K9847
K9790

Polymer Index [1.6]

018 ; D01 D11 D10 D19 D18 D23 D22 D34 D76 D45 D50 D95
F19 F31 F30
F34 ; A999 A544 A486 ; K9869 K9847 K9790

Polymer Index [2.1]

018 ; P0088*R

Polymer Index [2.2]

018 ; P1445*R F81 Si 4A

Polymer Index [2.3]

018 ; ND04 ; ND07 ; K9574 K9483 ; K9676*R ; K9712 K9676
; K9687
K9676

Polymer Index [2.4]

018 ; K9745*R ; Q9999 Q7114*R ; B9999 B3816 B3747

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-036620